DIGITAL PORTFOLIO

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UNIVERSITY: MADRAS UNIVERSITY

PROJECT TITLE

Showcasing Skills, Projects, and Achievements Online

AGENDA

- 1.Problem Statement Why this project?
- 2. Project Overview What is the project about?
- 3. Objectives & End Users Who will use it?
- 4. Tools and Technologies What stack used?
- 5. Portfolio Design & Layout How it looks (UI/UX)
- 6. Features and Functionality What it can do
- 7. Implementation & Results Output with screenshots
- 8. Conclusion Learnings & future scope
- 9. GitHub Link / Demo Source code & live preview

1) PROBLEM STATEMENT

- ► In today's digital era, students need a strong online presence.
- Recruiters expect a single link that shows skills, projects & achievements.
- Many resumes don't demonstrate real work or live demos.
- Speak: "Companies scan profiles quickly. Without a portfolio link, our projects, GitHub and achievements stay hidden. So I built a digital portfolio that is easy to view on mobile and share as one link."

2)PROJECT OVERVIEW

- ► A responsive personal portfolio website.
- Sections: Home, About, Skills, Education, Projects, Contact.
- ► Goals: showcase work, share resume, and receive recruiter messages.
- Speak:
- "This is a static web app hosted online. It highlights my projects with screenshots, GitHub links and a quick contact form

3)Objectives&End users

- **Objectives (SMART):**
- **Deploy** a live site within 2 weeks.
- Load under 2s on 4G.
- **▶** Display ≥5 projects with GitHub links.
- Provide easy resume download & contact.
- End Users: Recruiters, internship coordinators, hackathon judges, peers.
- Speak:
- "I measured success by speed, clarity and easy access to projects/resume."

4)Tools & Technologies

- Frontend: HTML5, CSS3, JavaScript (optional: Tailwind/Bootstrap).
- ► Icons: Font Awesome/Material Icons.
- Version Control: Git & GitHub.
- IDE: VS Code.
- ► Hosting: GitHub Pages (free).
- Extras: Google Forms/EmailJS for contact form, Lighthouse for performance.
- Speak (justification):
- "Plain HTML/CSS/JS keeps it lightweight. GitHub Pages gives free hosting and easy updates."

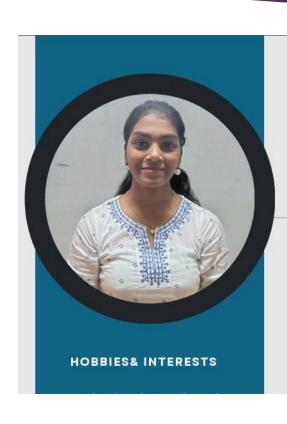
5)PORTFOLIO&LAYOUT(UI/UX)

- Portfolio Design & Layout (UI/UX)
- Dark theme with violet accent; consistent spacing & typography.
- Card-based sections with rounded corners.
- Navigation: sticky header, section anchors.
- ► Mobile-first grid: 1-column on phones, 2–3 columns on desktop.
- Accessibility: alt text, proper headings, good contrast.
- Speak:
- ► "I focused on readability: big headings, 60–75 char line length, and clear hierarchy."

6) Features & Functionality

- ▶ Responsive layout (mobile → desktop).
- Project cards with tech stack, live demo & GitHub buttons.
- Resume download (PDF).
- Contact form with validation (name, email, message).
- Light/Dark toggle (optional).
- Social links (GitHub, LinkedIn).
- Speak:
- "Key feature is quick project discovery. Each card shows role, stack and direct links."

7)Implementation&results



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ABOUT ME

I'm Nikitha, currently pursuing BCA at SRM arts & science

Skills

- HTML5 & CSS3
- JavaScript
- Python
- Java
- · Git & GitHub

Projects



E-Cart Website

View Project



IBM Cloud Security

View Project



View Project

8) CONCLUSION

- ► Learnings: responsive design, Git workflow, performance tuning.
- Challenges: image optimization, form handling, consistent design.
- ► Future Work: custom domain, blog section, CMS/React migration, project filters, analytics.
- Speak:
- "This project becomes my central identity link; I'll keep adding projects and metrics."

9) GITHUB LINK

http://nikithag-bca.github.io/nm/